

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 73]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications (*if applicable*)
 - Statement Regarding Fed sponsored R & D (*if applicable*)
 - Reference to sequence listing, a table, or a computer program listing appendix (*if applicable*)
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) (Figs. 1A-23B) [Total Sheets 21]
5. Oath or Declaration [Total Pages 4]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6. Application Data Sheet. See 37 CFR 1.76

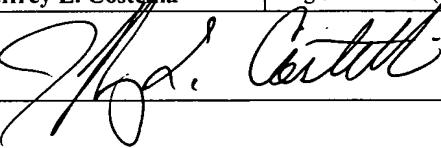
If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional of prior application No.: 09/440,633 filed November 19, 1999

Prior application information: Examiner Remmon R. Forde Group / Art Unit: 2826

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label		22204		or <input type="checkbox"/> Correspondence address below	
Name	Jeffrey L. Costellia				
Address	Nixon Peabody LLP 8180 Greensboro Road Suite #800				
City	Mclean	State	Virginia	Zip Code	22102
Country		Telephone	(703) 790-9110	Fax	(703) 883-0370
Name (Print/Type)	Jeffrey L. Costellia	Registration No. (Attorney/Agent)			#35,483
Signature				Date	2/22/02

FEE TRANSMITTAL FOR FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 1088.00)

Complete if Known	
Application Number	Not Yet Assigned
Filing Date	February 21, 2002
First Named Inventor	Shunpei YAMAZAKI et al
Examiner Name	Remmon R. Forde
Group Art Unit	2826
Attorney Docket No.	740756-2441

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number

19-2380 (740756-2441)

Deposit Account Name

Nixon Peabody LLP

- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

- Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:

- Check Credit Card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
101	740	Utility filing fee	740.00
106	330	Design filing fee	
107	510	Plant filing fee	
108	740	Reissue filing fee	
114	160	Provisional filing fee	

SUBTOTAL (1) (\$ 740.00)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
30	-20** =	10 X 18.00	= 180.00

Independent Claims	-3** =	2 X 84.00	= 168.00
5			

Multiple Dependent			

Large Entity Fee Code	Small Entity Fee Code	Fee Description	(\$)
103	18	Claims in excess of 20	
102	84	Independent claims in excess of 3	
104	280	Multiple dependent claim, if not paid	
109	84	** Reissue independent claims over original patent	
110	18	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$ 348.00)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65 Surcharge - late filing fee or oath	
127	50	227	25 Surcharge - late provisional filing fee or cover sheet	
139	130	139	130 Non-English transaction	
147	2,520	147	2,520 For filing a request for ex parte reexamination	
112	920*	112	920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	
115	110	215	55 Extension for reply within first month	
116	400	200	200 Extension for reply within second month	
117	920	460	460 Extension for reply within third month	
118	1,440	720	720 Extension for reply within fourth month	
128	1,960	228	980 Extension for reply within fifth month	
119	320	219	160 Notice of Appeal	
120	320	220	160 Filing a brief in support of an appeal	
121	280	221	140 Request for oral hearing	
138	1,510	138	1,510 Petition to institute a public use proceeding	
140	110	240	55 Petition to revive - unavoidable	
141	1,280	241	640 Petition to revive - unintentional	
142	1,280	242	640 Utility issue fee (or reissue)	
143	460	243	230 Design issue fee	
144	620	244	310 Plant issue fee	
122	130	122	130 Petitions to the Commissioner	
123	50	123	50 Processing fee under 37 CR 1.17(q)	
126	180	126	180 Submission of Information Disclosure Stmt	
581	40	581	40 Recording each patent assignment per property (times number of properties)	
146	740	246	370 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370 For each additional invention to be examined (37 CFR § 1.29(b))	
179	740	279	370 Request for Continued Examination (RCE)	
169	900	169	900 Request for expedited examination of a design application	

Other fee (specify) _____

* Reduced by Basic Filing Fee Paid

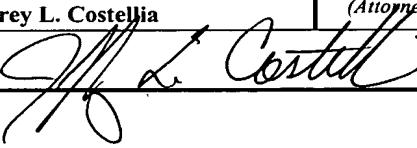
SUBTOTAL (3) (\$)

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on _____

Name: _____

Complete (if applicable)

Name (Print/Type)	Jeffrey L. Costellia	Registration No. (Attorney/Agent)	#35,483	Telephone	(703) 790-9110	
Signature					Date	2/22/02